Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100586.D
Acq On : 30 Sep 2019 18:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 30 23:07:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3162	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	15394	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9476	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23155	0.40	ng		0.00
27) Chrysene-d12	21.37	240	25053	0.40	ng		0.00
34) Perylene-d12	23.85	264	29893	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	3244	0.35	ng		0.00
5) Phenol-d6	7.02	99	4312	0.34	ng		0.00
8) Nitrobenzene-d5	9.00	82	3749	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	8971	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	854	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	13190	0.40	ng		0.00
25) Fluoranthene-d10	19.24	212	105925	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	24232	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2179	0.383	ng		99
3) n-Nitrosodimethylamine	3.66	42	1011	0.333	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	3991	0.365	ng		97
9) Naphthalene	10.69	128	62438	0.390	ng		100
10) Hexachlorobutadiene	10.99	225	1918	0.394	ng		99
12) 2-Methylnaphthalene	12.31	142	10254	0.377	ng		99
16) Acenaphthylene	14.21	152	15613	0.370	ng		99
17) Acenaphthene	14.54	154	10436	0.385	ng		99
18) Fluorene	15.51	166	13514	0.383	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	4058	0.376	ng		98
21) Hexachlorobenzene	16.53	284	3527	0.397	ng		99
22) Pentachlorophenol	16.88	266	710	0.422	ng		95
23) Phenanthrene	17.25	178	26045	0.399	ng		100
24) Anthracene	17.35	178	21451	0.363	ng		100
26) Fluoranthene	19.26	202	30745	0.375	ng		99
28) Pyrene	19.62	202	31628	0.417	ng		99
30) Benzo(a)anthracene	21.35	228	27854	0.377	ng		99
31) Chrysene	21.40	228	30324	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	48276	0.246	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	36086	0.389	ng		100
35) Benzo(b)fluoranthene	23.09	252	29945	0.366	ng		99
36) Benzo(k)fluoranthene	23.14	252	33705	0.378	ng		99
37) Benzo(a)pyrene	23.73	252	28703	0.367	ng		99
38) Dibenzo(a,h)anthracene	26.49	278	29525	0.371	ng		99
39) Benzo(g,h,i)perylene	27.27	276	30427	0.374	ng		99

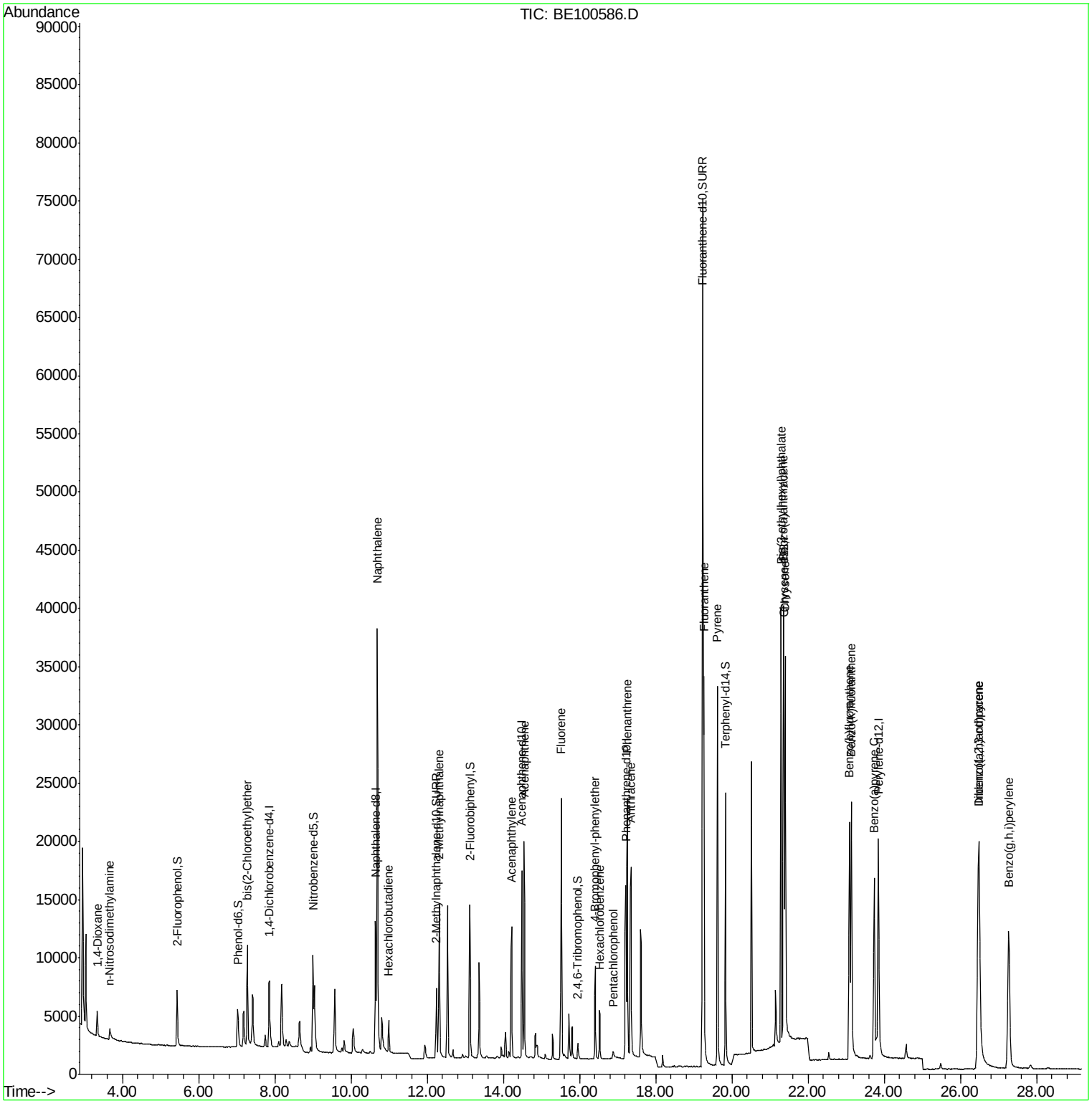
(#) = qualifier out of range (m) = manual integration (+) = signals summed

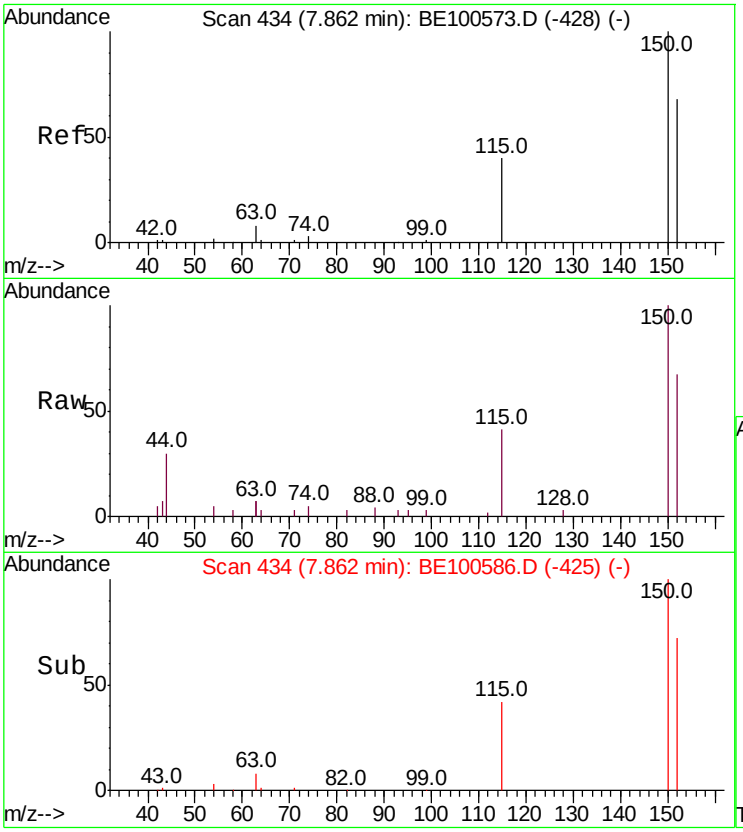
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100586.D
Acq On : 30 Sep 2019 18:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 30 23:07:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration



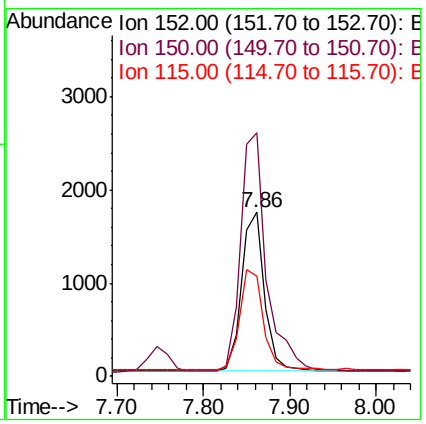


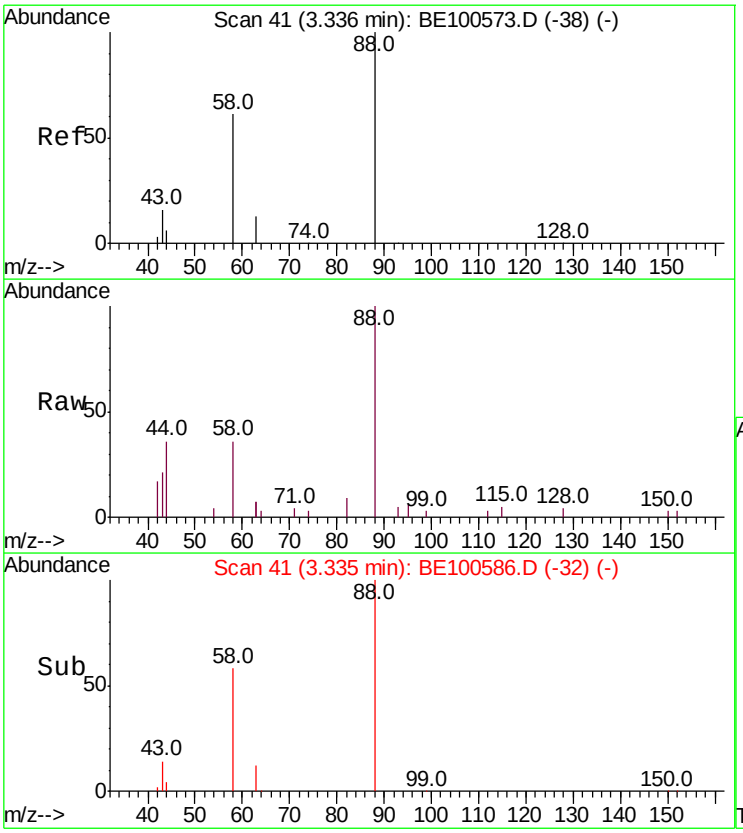
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3162

Ion	Ratio	Lower	Upper
152	100		
150	148.6	116.9	175.3
115	61.2	50.2	75.4

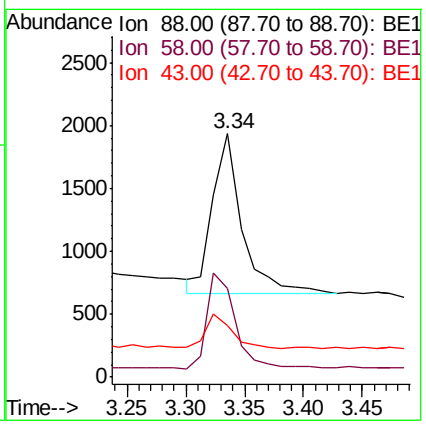


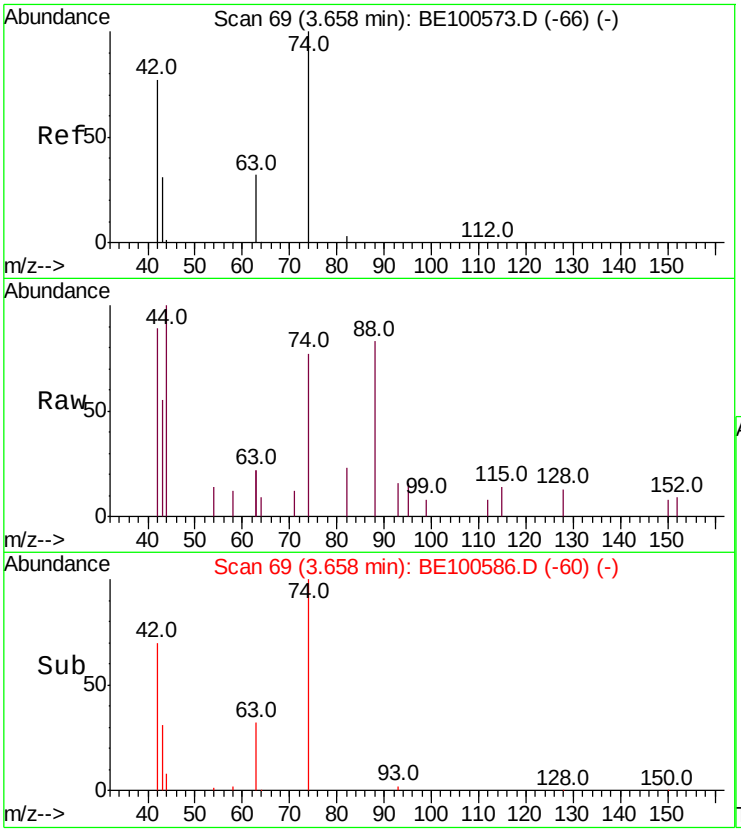


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion: 88 Resp: 2179

Ion	Ratio	Lower	Upper
88	100		
58	57.7	46.4	69.6
43	18.9	16.7	25.1



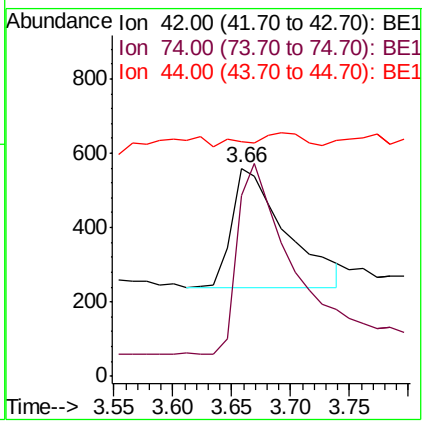


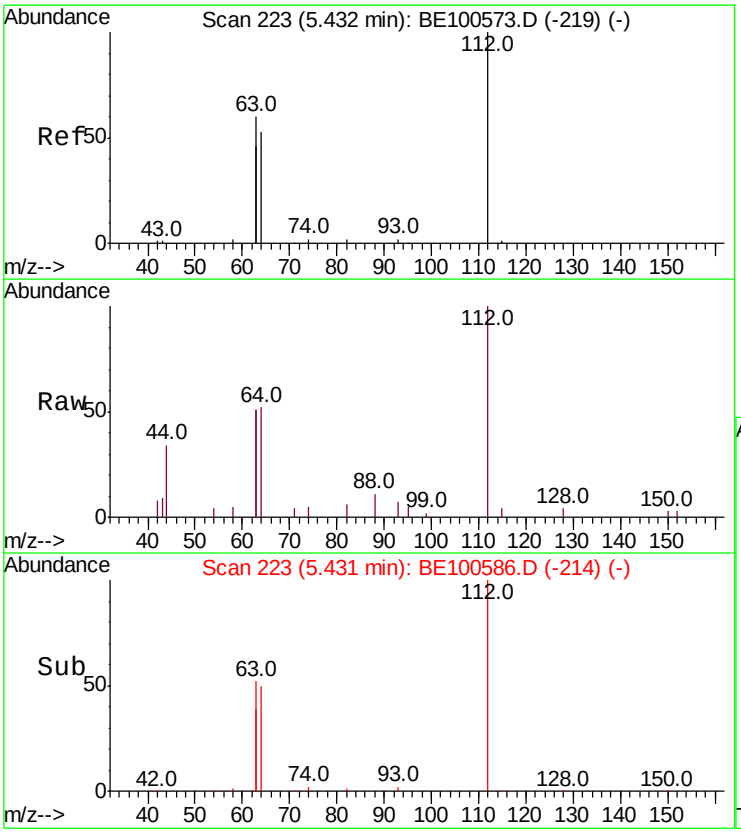
#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1011

Ion	Ratio	Lower	Upper
42	100		
74	160.2	0.0	0.0#
44	0.0	0.0	0.0

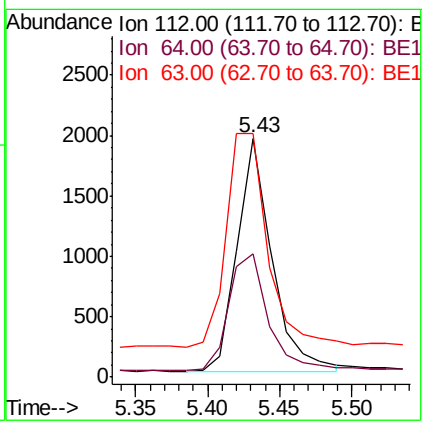


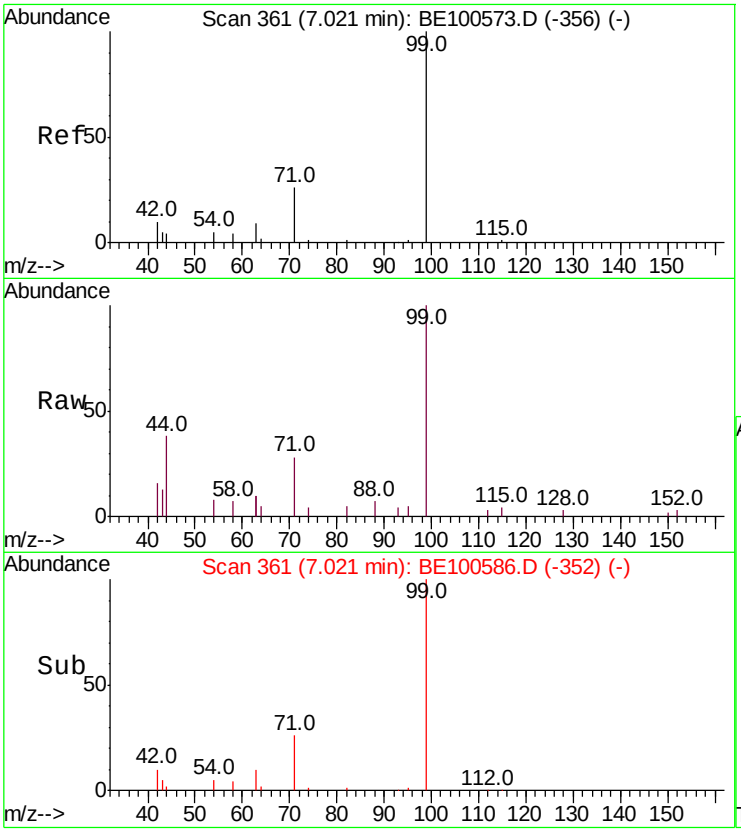


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:112 Resp: 3244

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.9	67.3
63	107.1	90.1	135.1



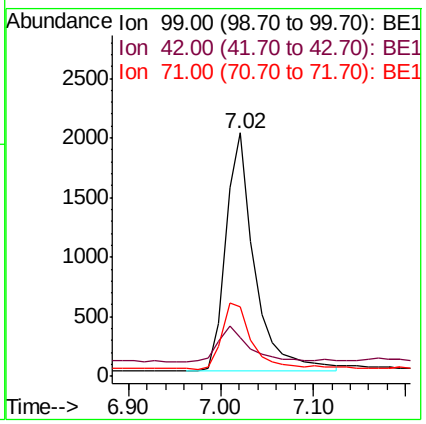


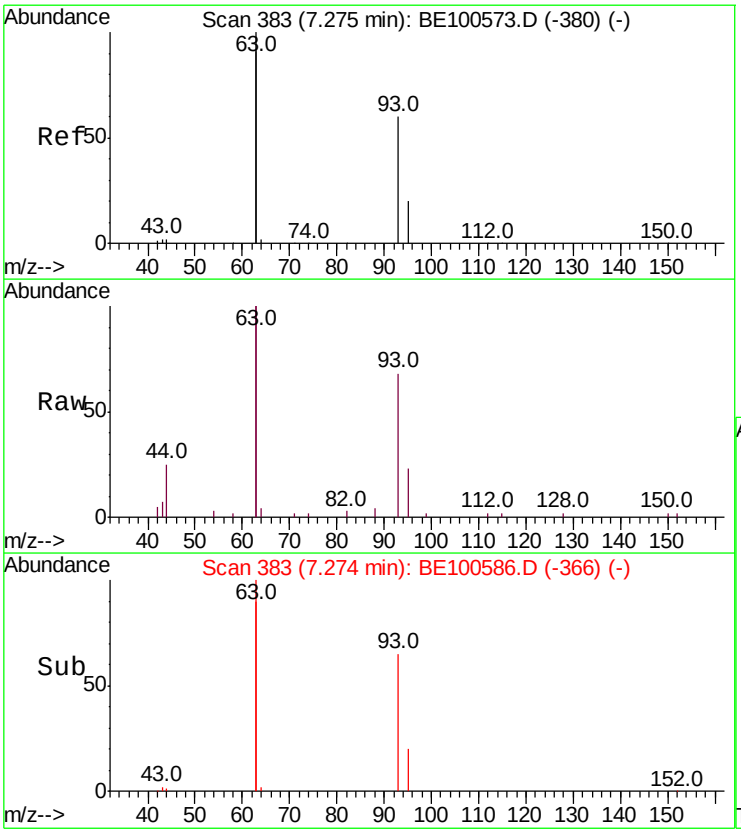
#5
Phenol-d6
Concen: 0.341 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4312

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.7	17.5
71	28.7	23.6	35.4

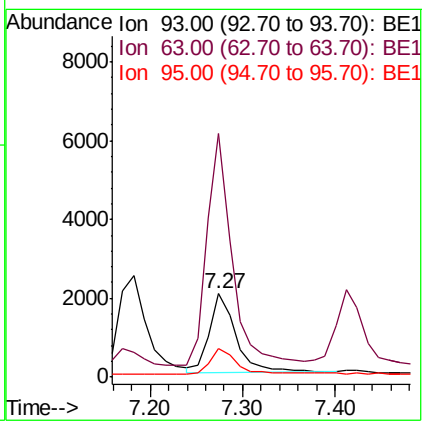


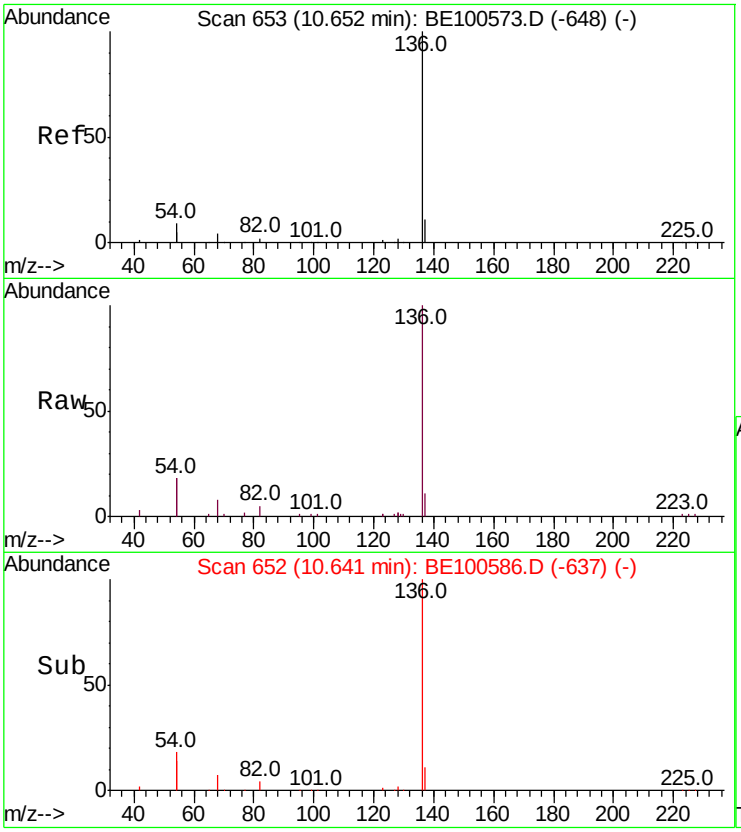


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion: 93 Resp: 3991

Ion	Ratio	Lower	Upper
93	100		
63	280.1	228.3	342.5
95	31.1	24.2	36.4



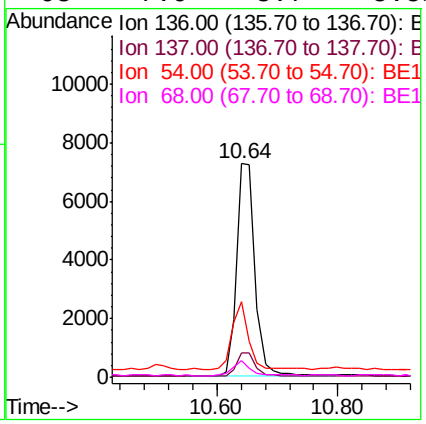


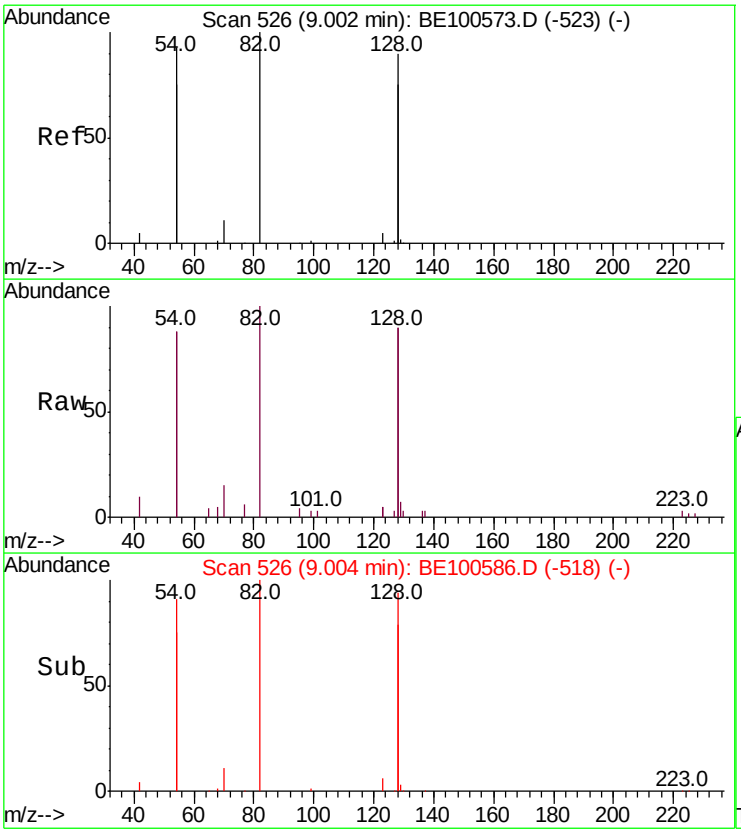
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15394

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	35.1	15.0	22.6#
68	7.9	3.7	5.5#

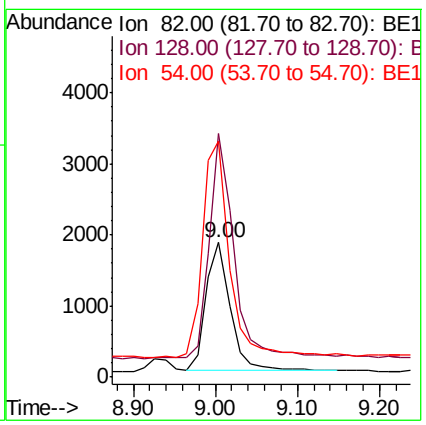


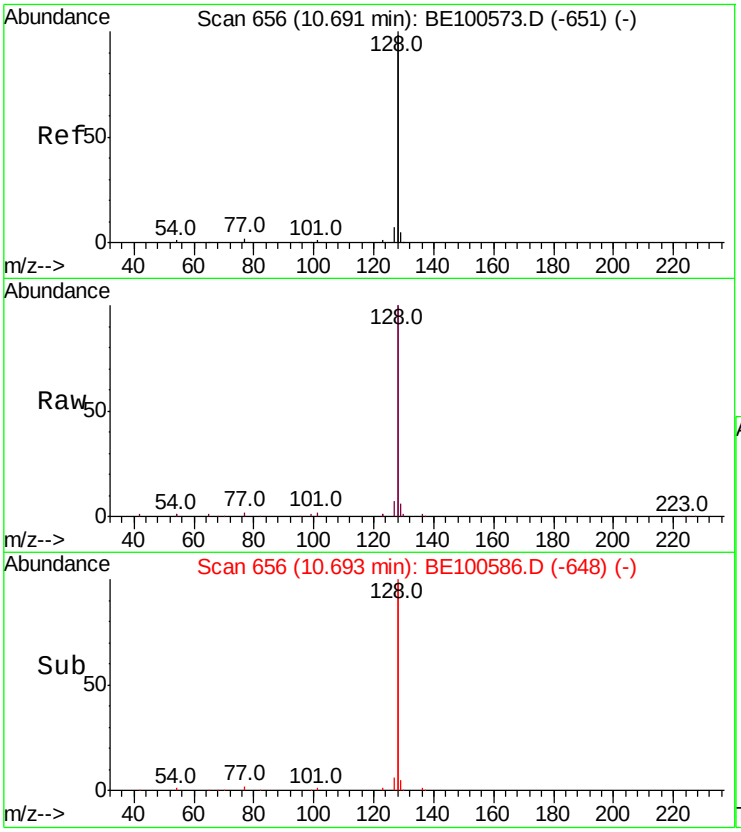


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion: 82 Resp: 3749

Ion	Ratio	Lower	Upper
82	100		
128	181.0	137.9	206.9
54	175.2	143.0	214.6



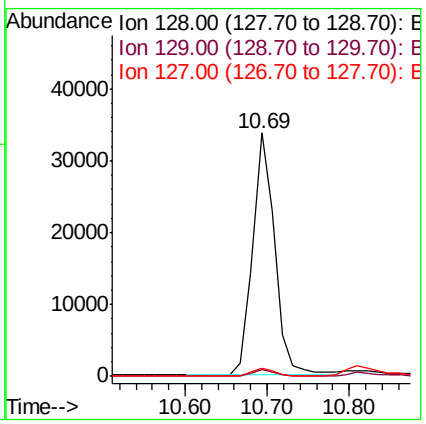


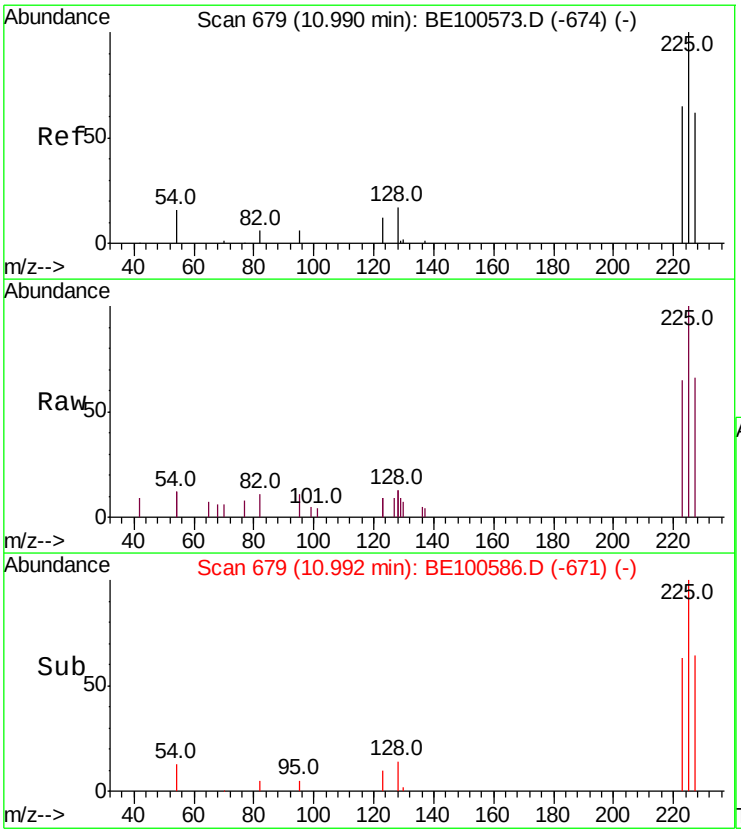
#9
Naphthalene
Concen: 0.390 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 62438

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.8	4.2

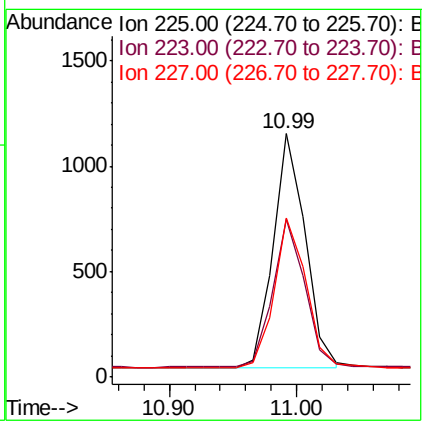


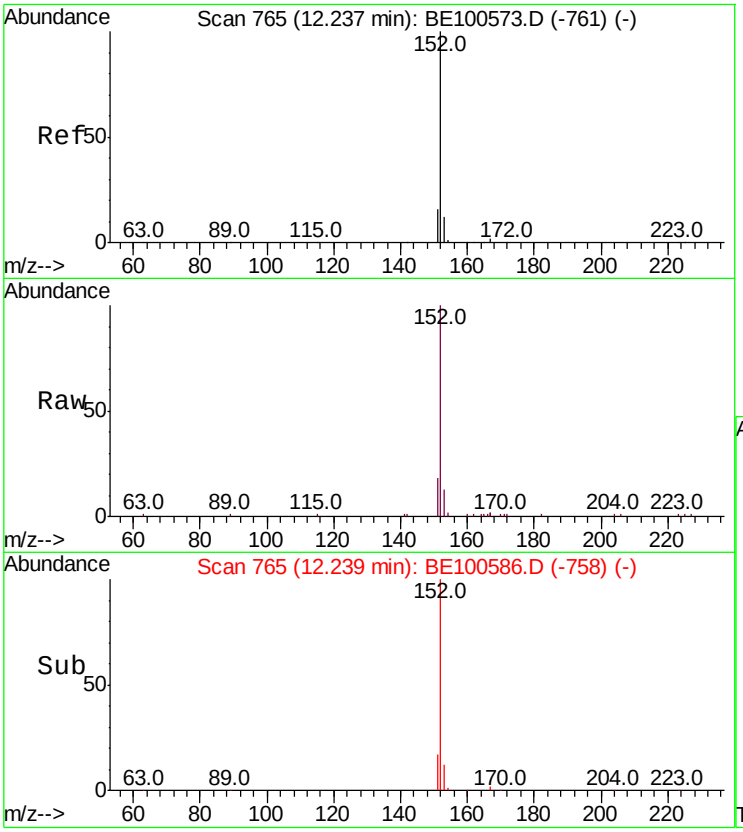


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:225 Resp: 1918

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	63.9	50.3	75.5



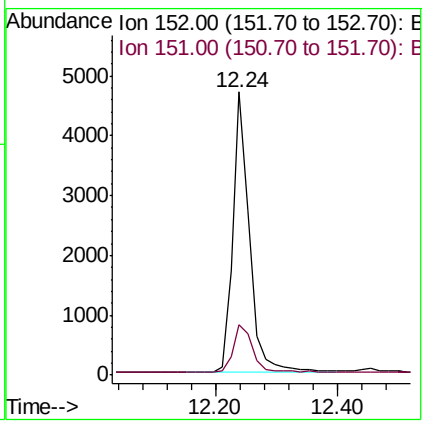


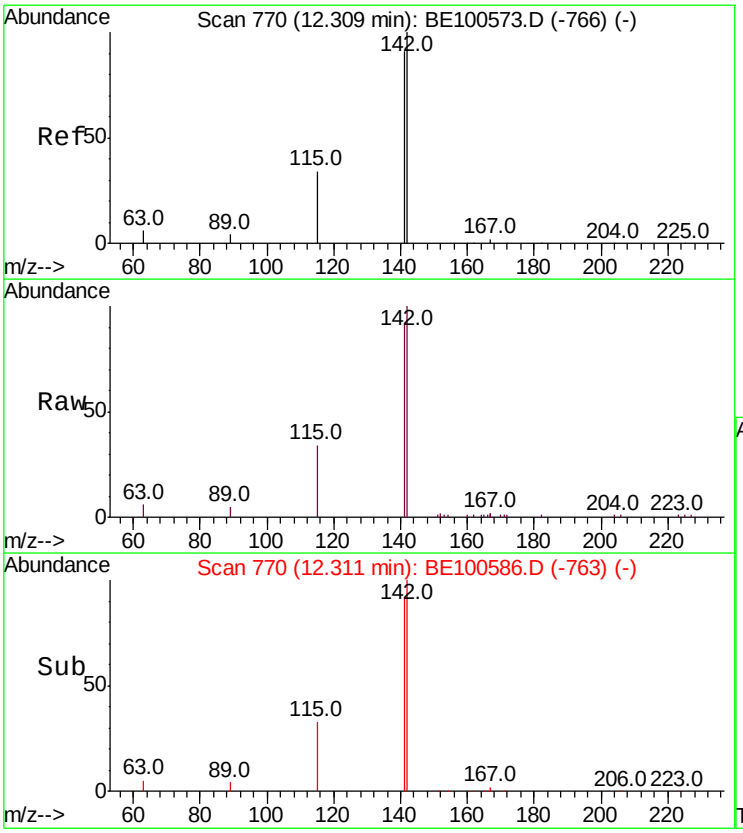
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8971

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9

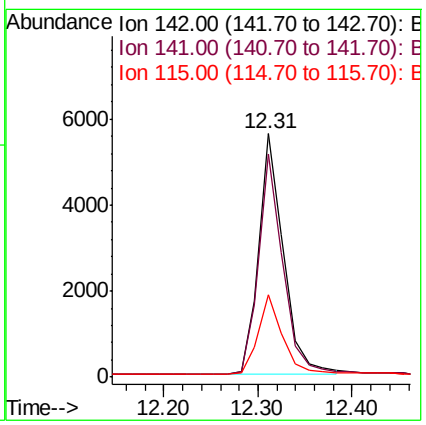


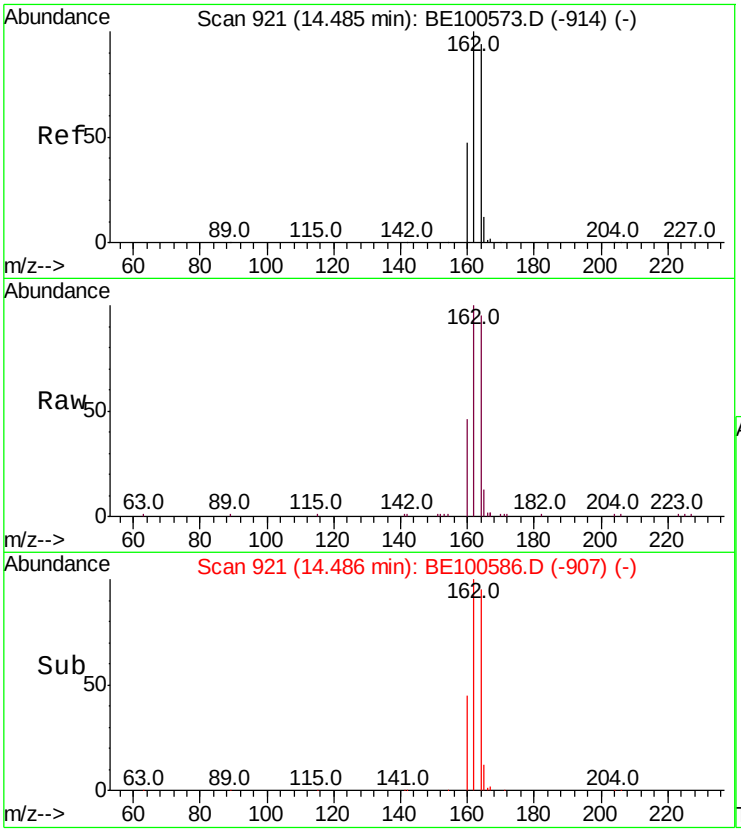


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:142 Resp: 10254

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
115	34.0	28.2	42.2



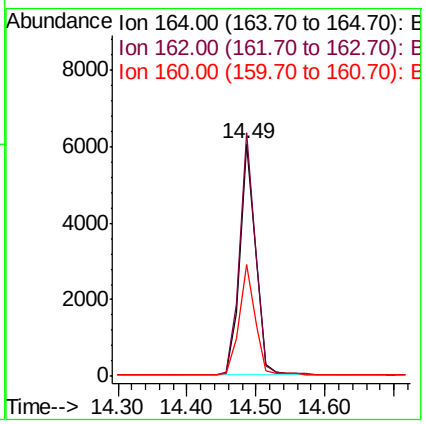


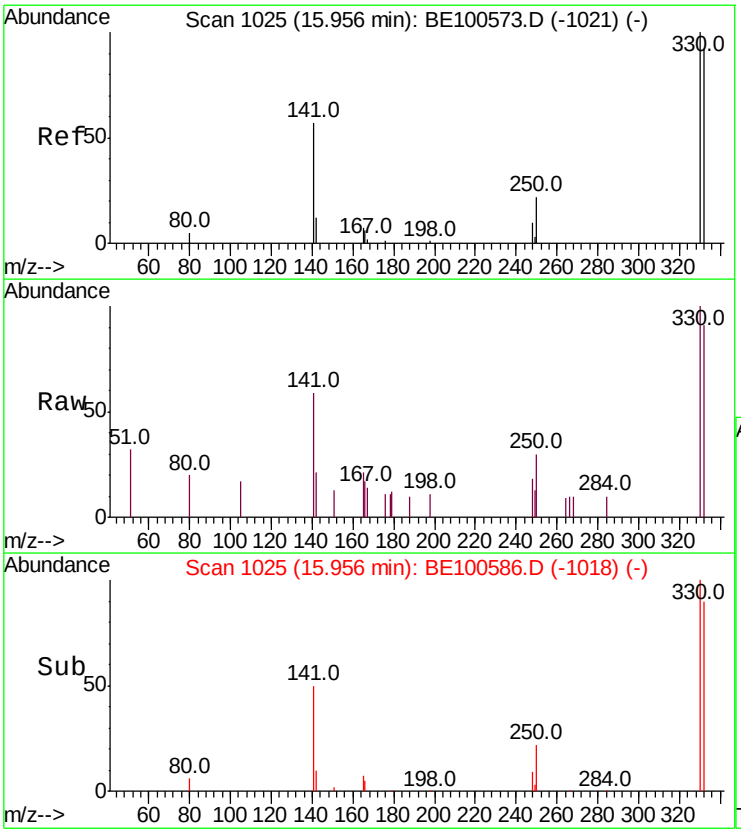
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9476

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.0	127.4
160	48.0	40.2	60.4

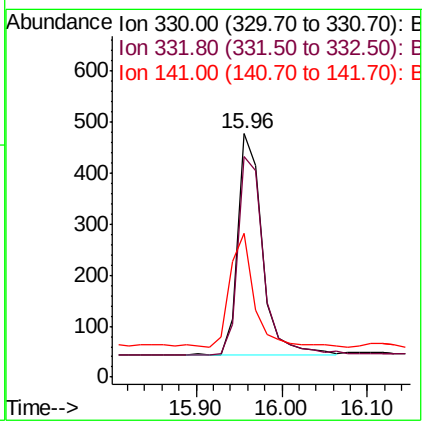


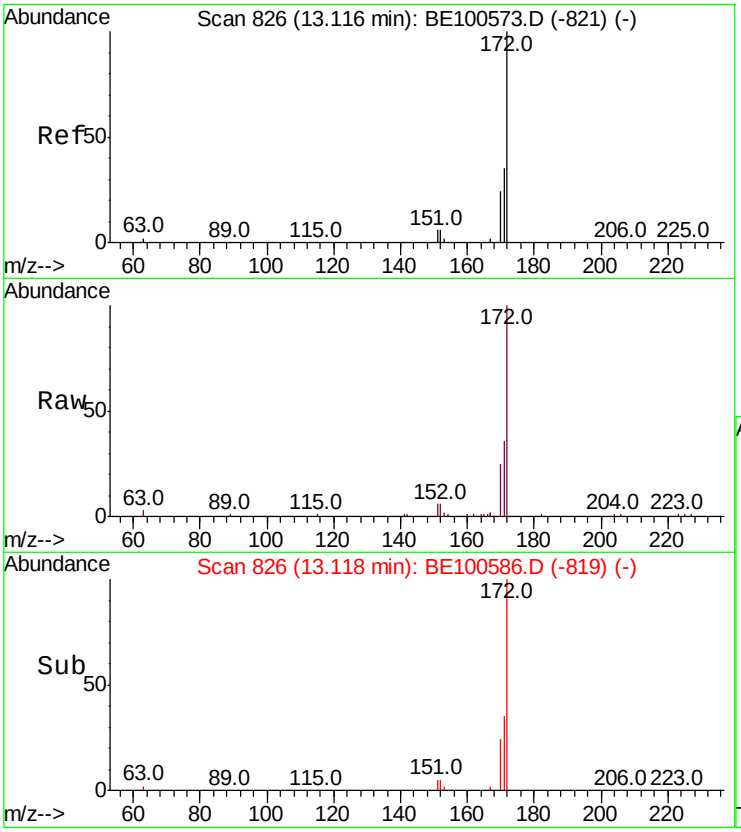


#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:330 Resp: 854

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	50.7	42.1	63.1



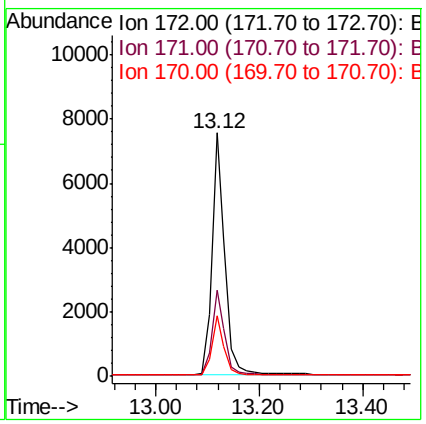


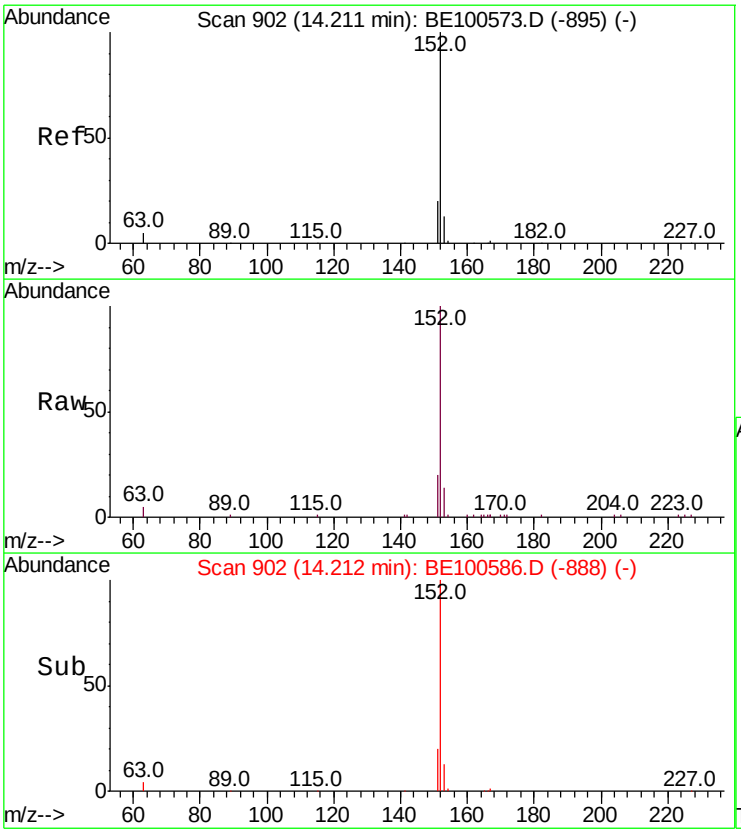
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13190

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.7	19.2	28.8

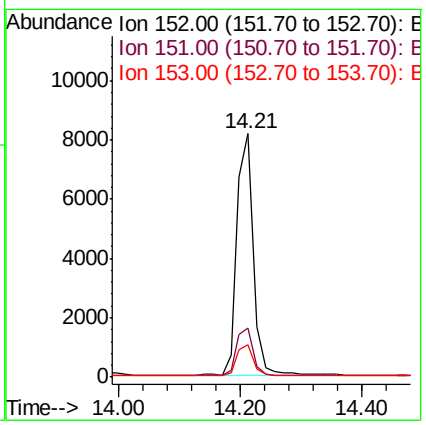


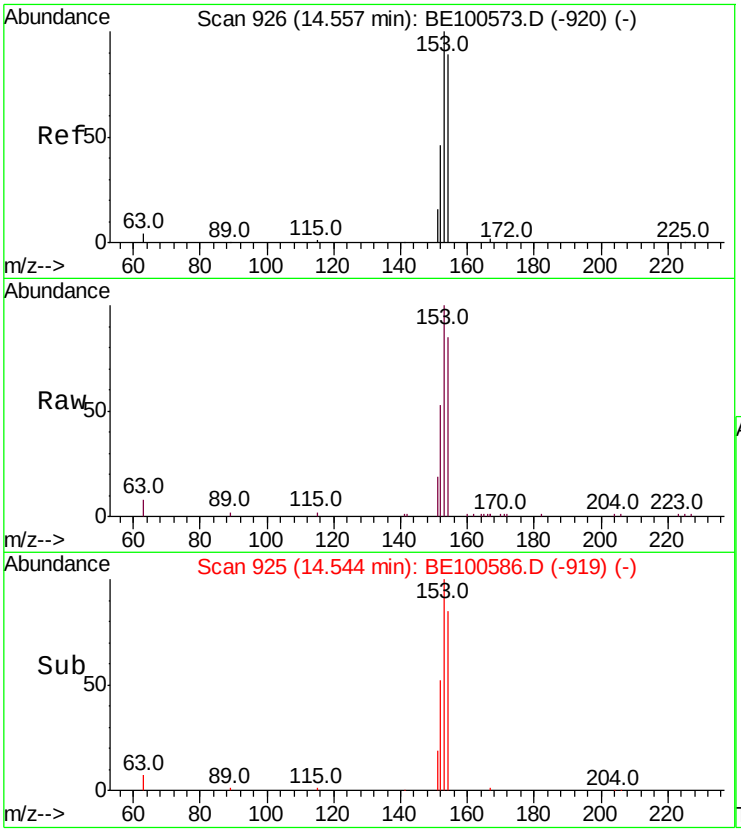


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:152 Resp: 15613

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.6	16.0



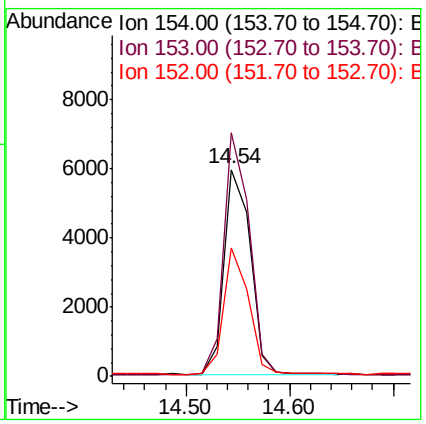


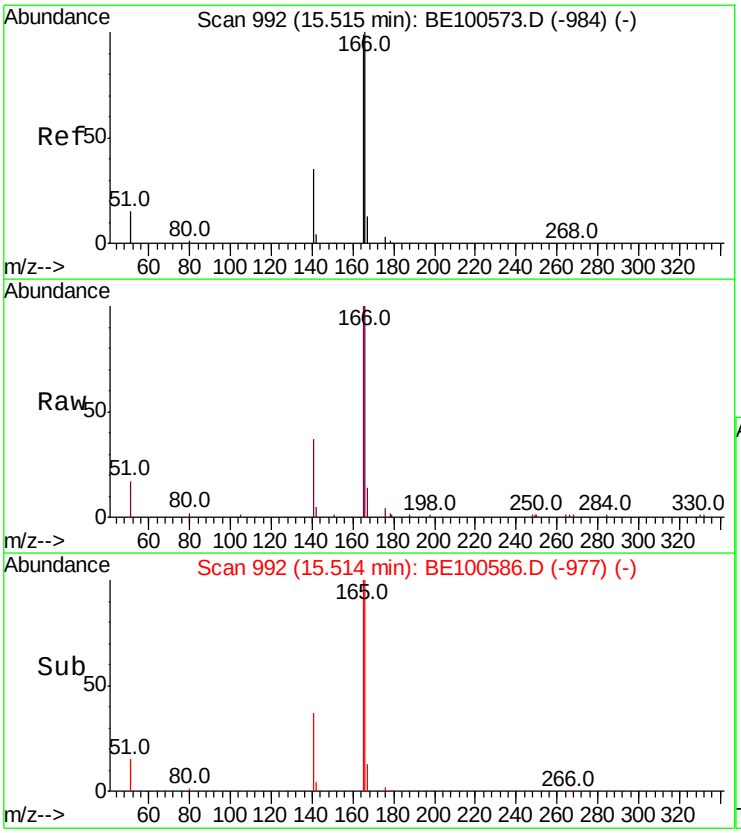
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10436

Ion	Ratio	Lower	Upper
154	100		
153	114.9	92.7	139.1
152	58.8	45.6	68.4

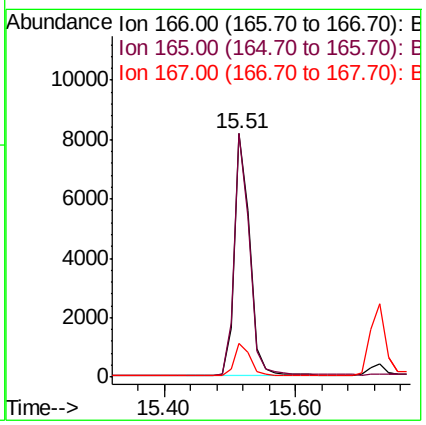


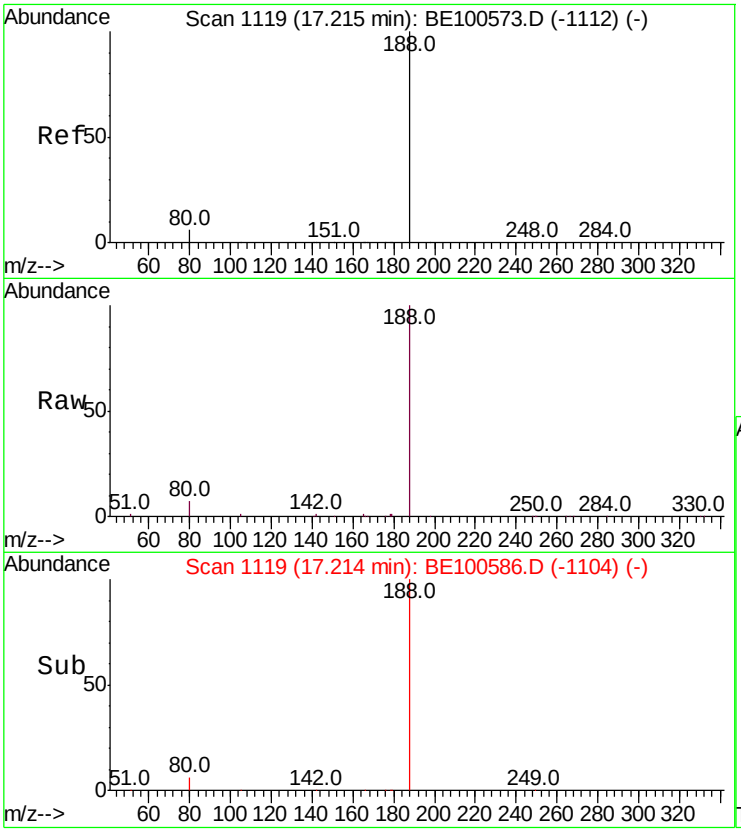


#18
Fluorene
Concen: 0.383 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:166 Resp: 13514

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.0	117.0
167	13.6	10.7	16.1



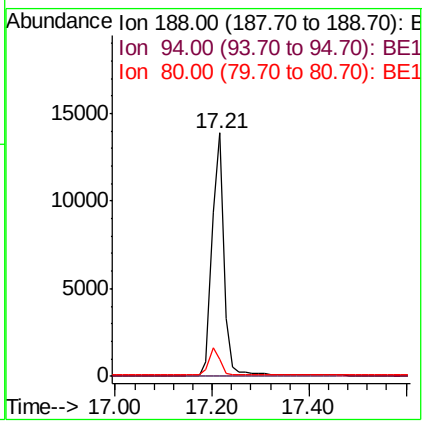


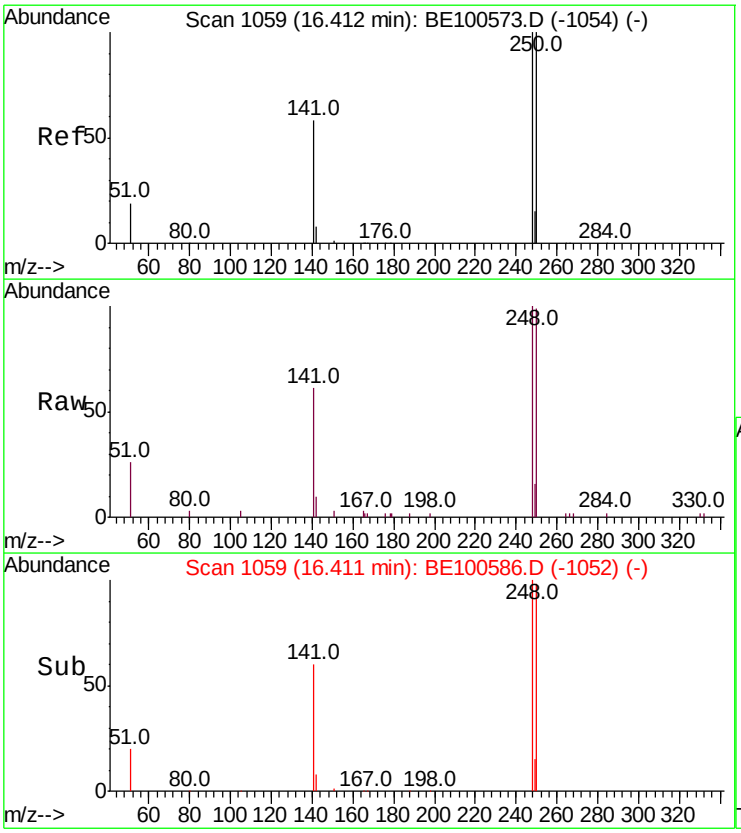
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 23155

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.6	8.4

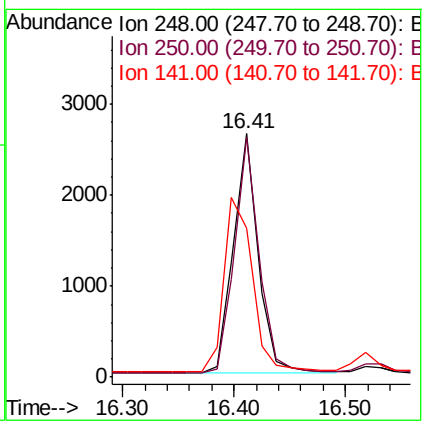


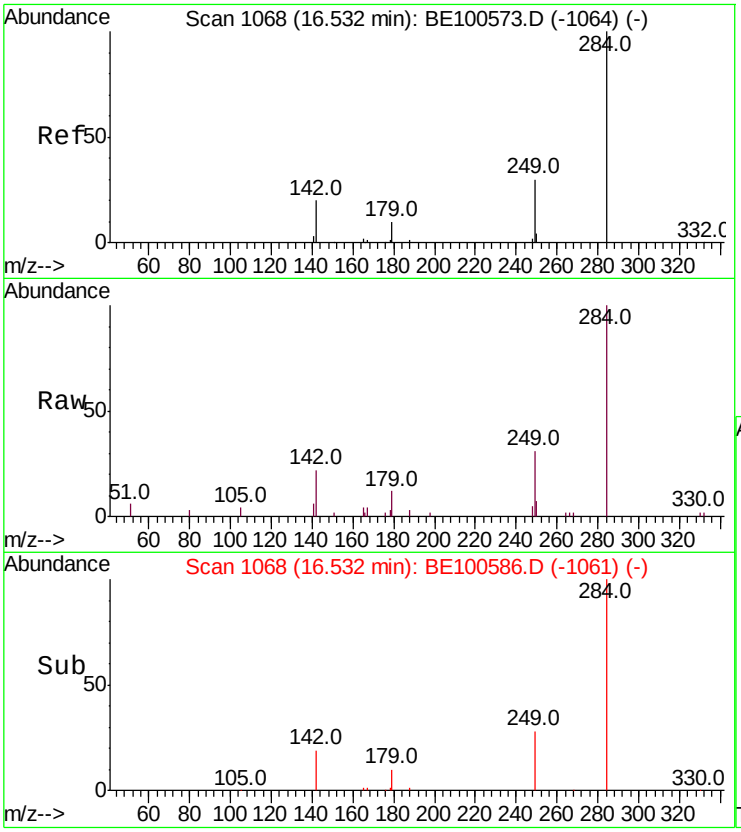


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:248 Resp: 4058

Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.9	119.9
141	61.3	47.7	71.5



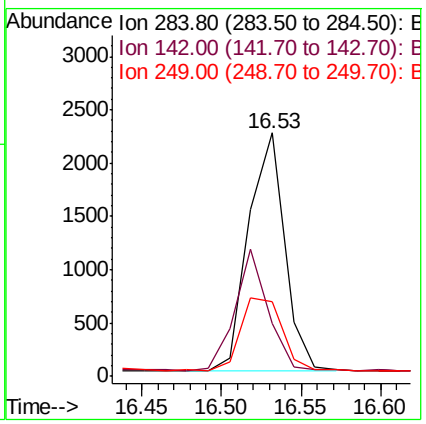


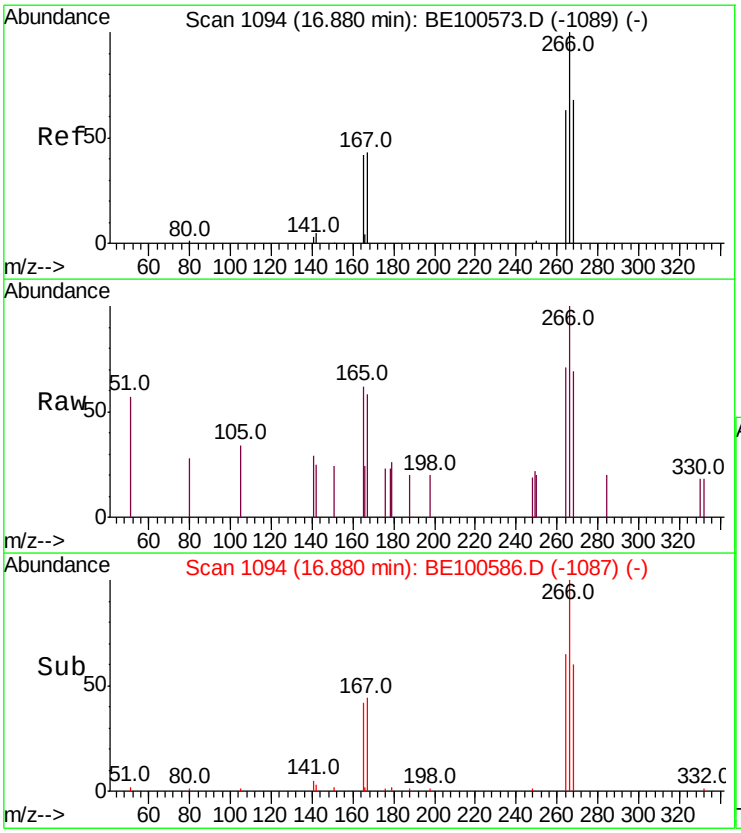
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3527

Ion	Ratio	Lower	Upper
284	100		
142	46.5	37.0	55.4
249	34.2	27.0	40.4

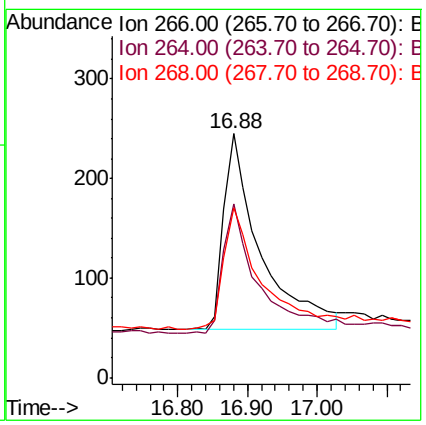


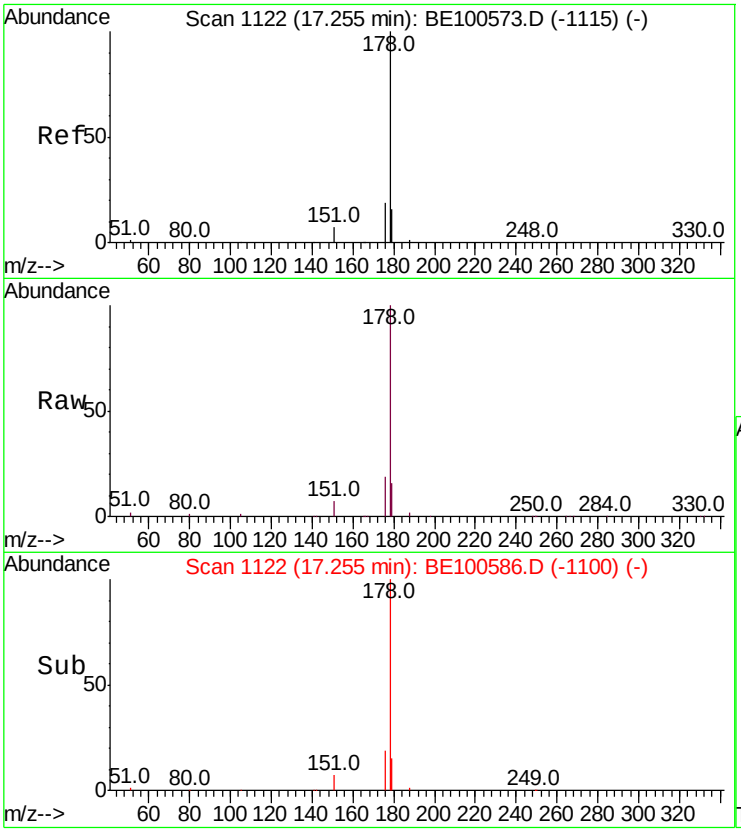


#22
Pentachlorophenol
Concen: 0.422 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:266 Resp: 710

Ion	Ratio	Lower	Upper
266	100		
264	71.0	53.5	80.3
268	69.4	58.3	87.5



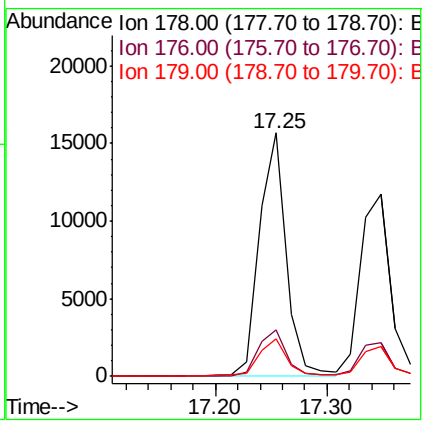


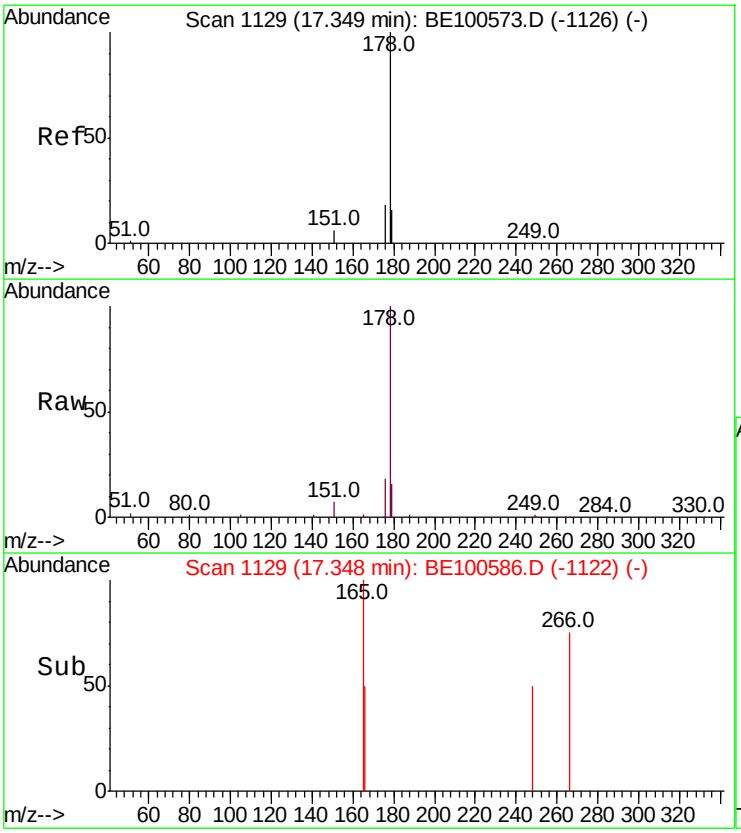
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26045

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.4	18.6

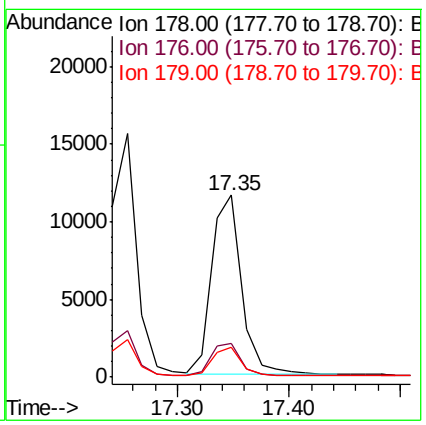


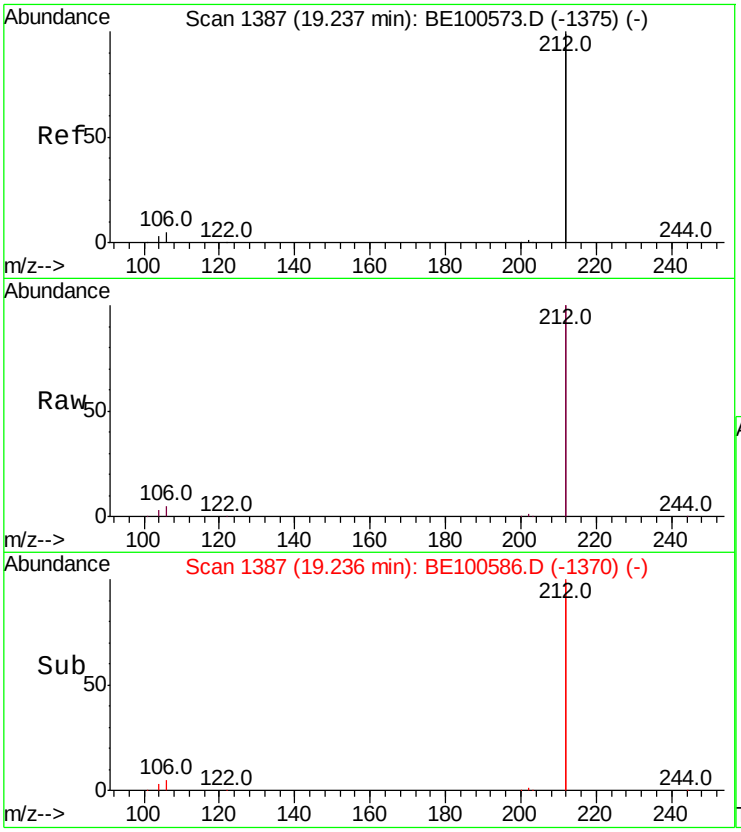


#24
Anthracene
Concen: 0.363 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:178 Resp: 21451

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.3	18.5



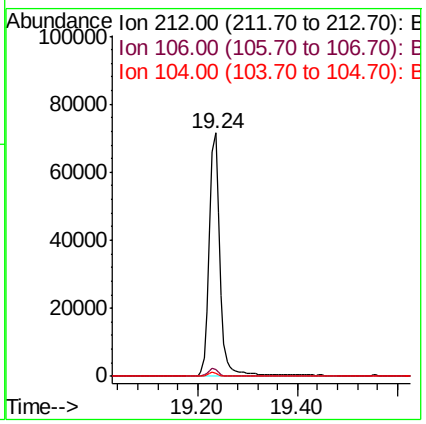


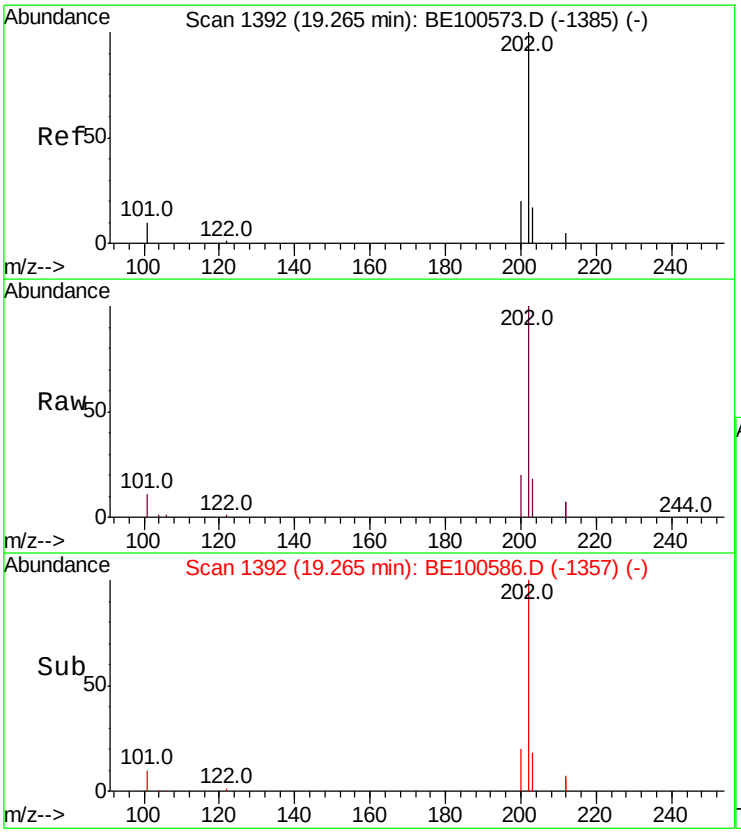
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 105925

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.5	3.7
104	1.7	1.4	2.0

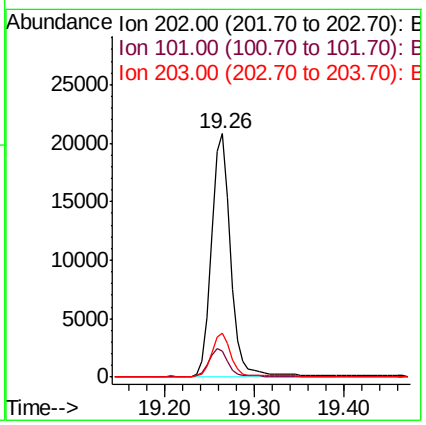


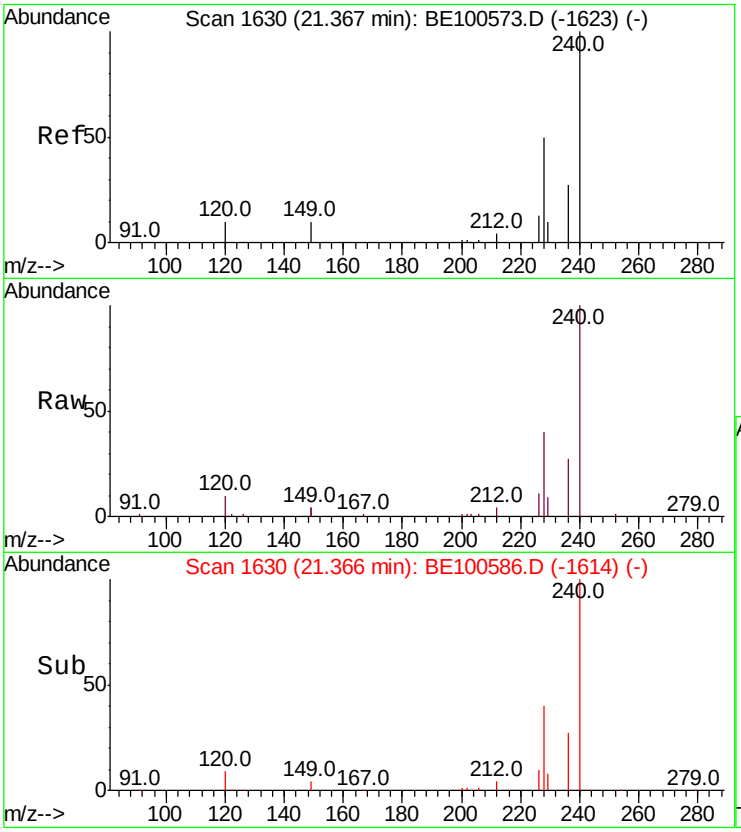


#26
Fluoranthene
Concen: 0.375 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:202 Resp: 30745

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
203	17.4	13.6	20.4



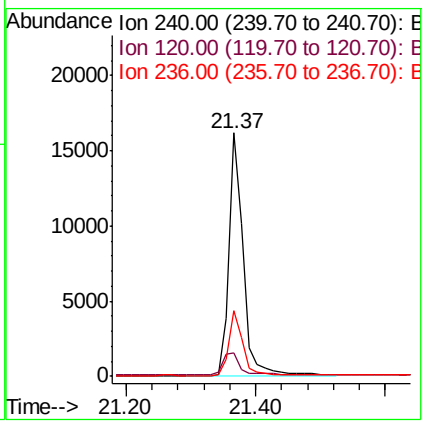


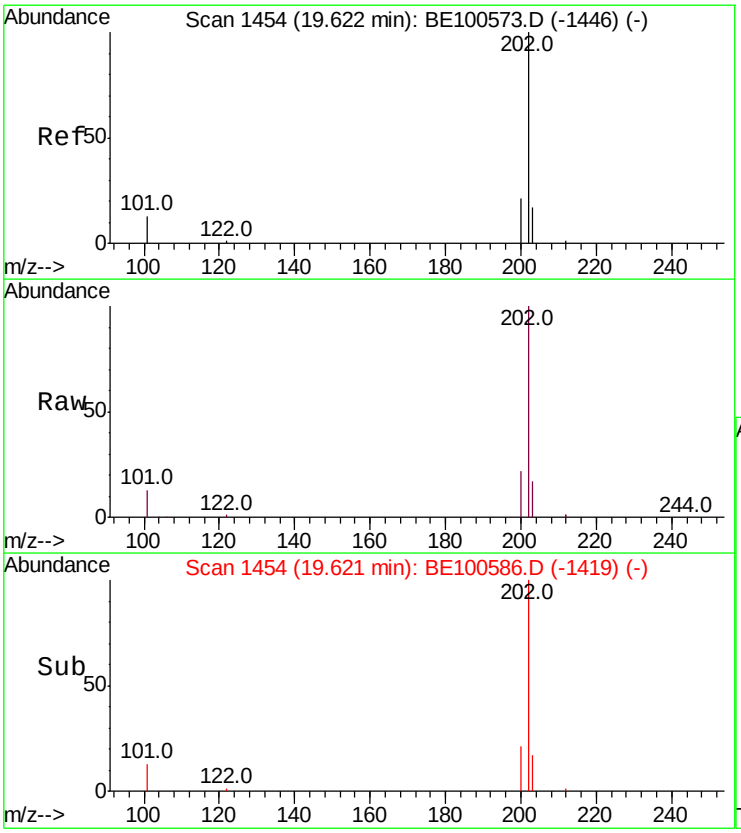
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 25053

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.7	13.1
236	27.2	21.8	32.8

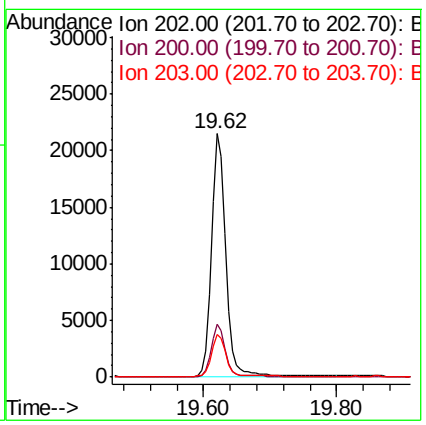


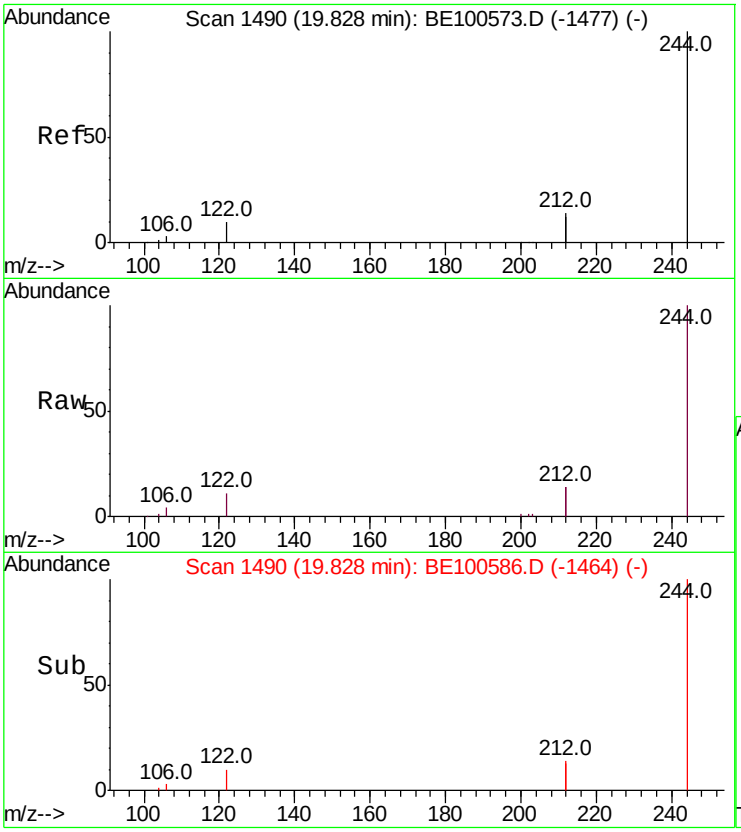


#28
Pyrene
Concen: 0.417 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:202 Resp: 31628

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	14.2	21.2



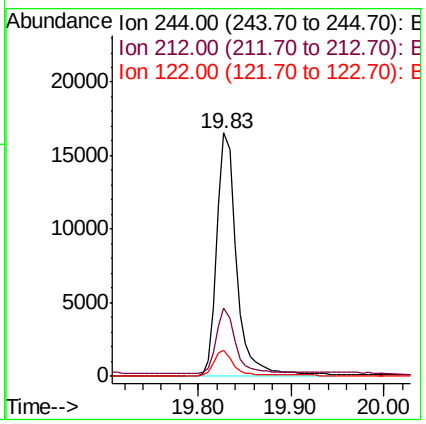


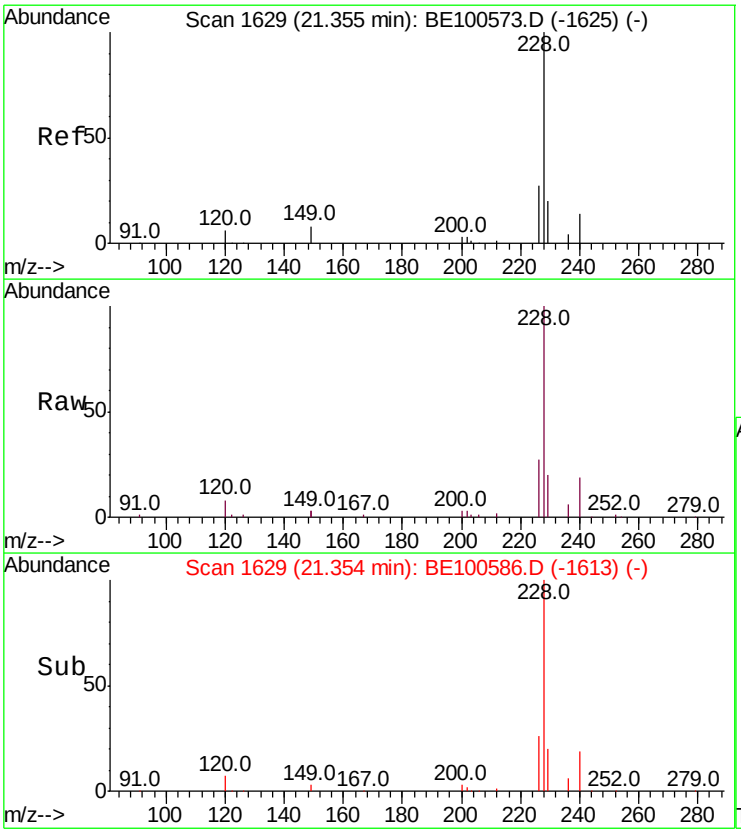
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 24232

Ion	Ratio	Lower	Upper
244	100		
212	27.8	21.8	32.8
122	10.7	8.2	12.4

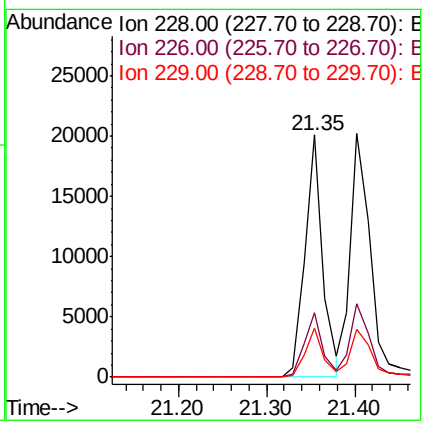


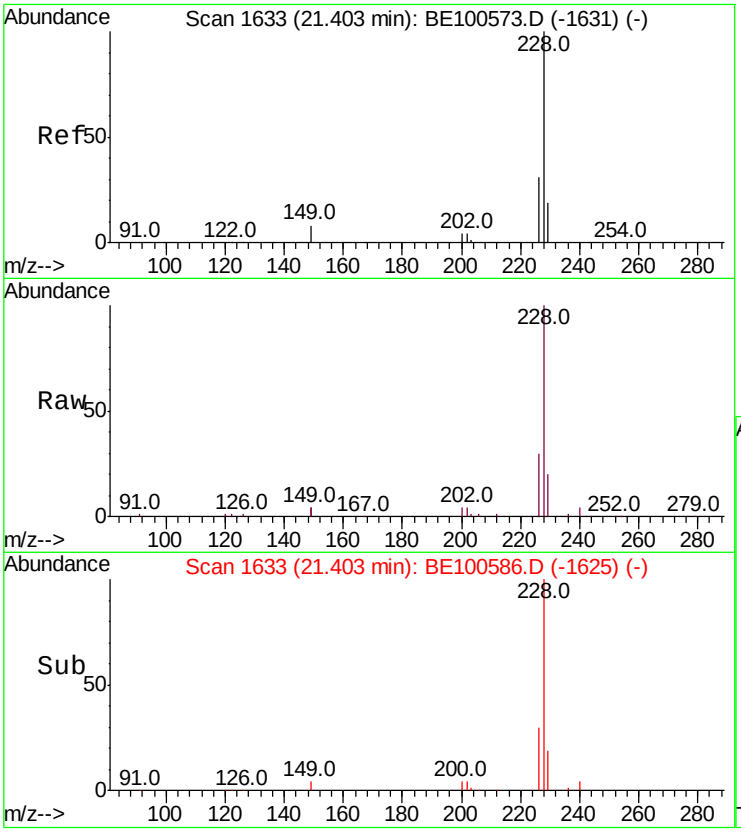


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:228 Resp: 27854

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	20.3	16.1	24.1



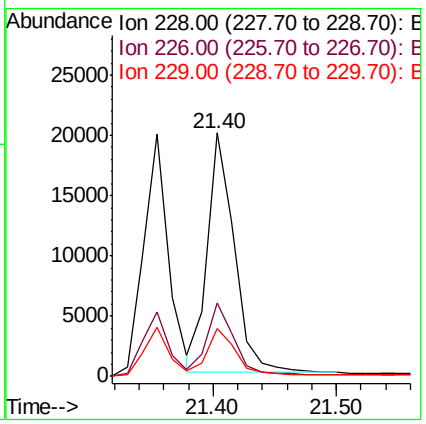


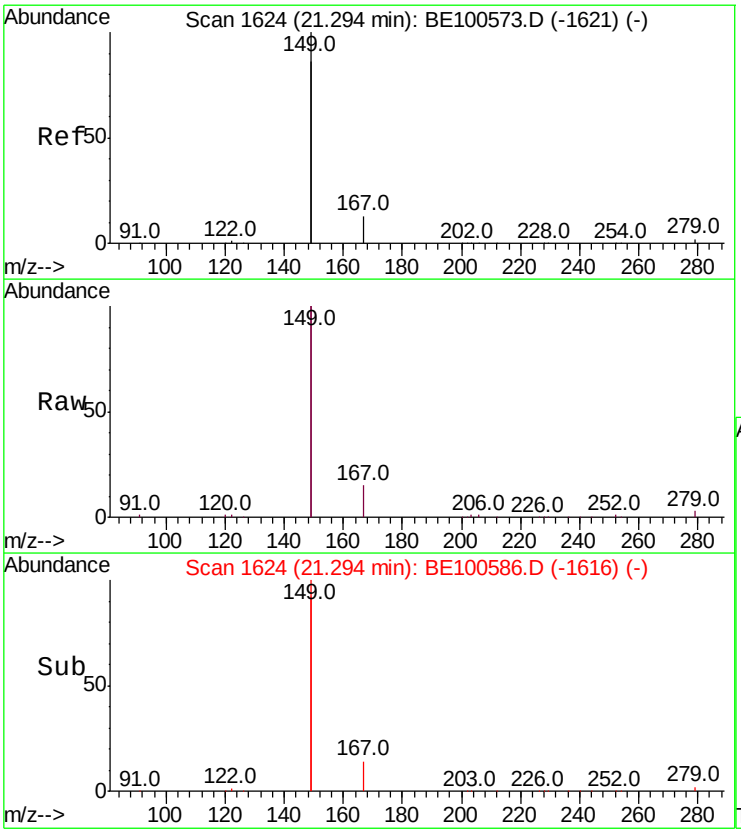
#31
Chrysene
Concen: 0.403 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 30324

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.7	15.6	23.4

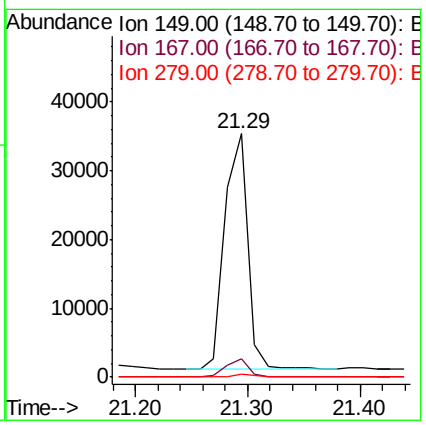


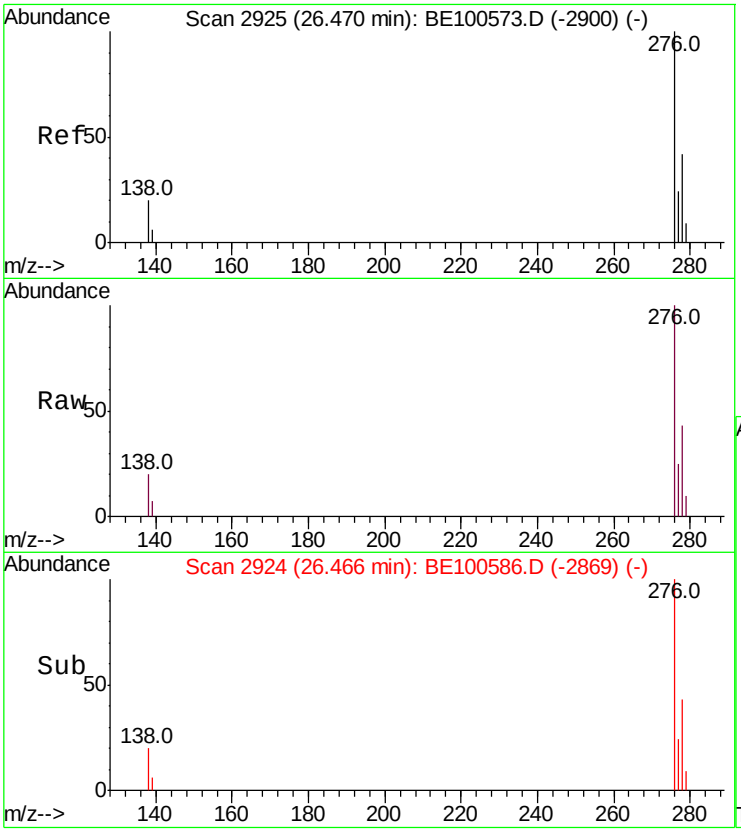


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.246 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:149 Resp: 48276

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.0	7.6
279	1.1	0.8	1.2



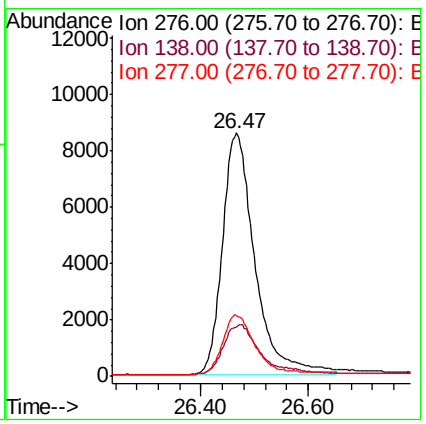


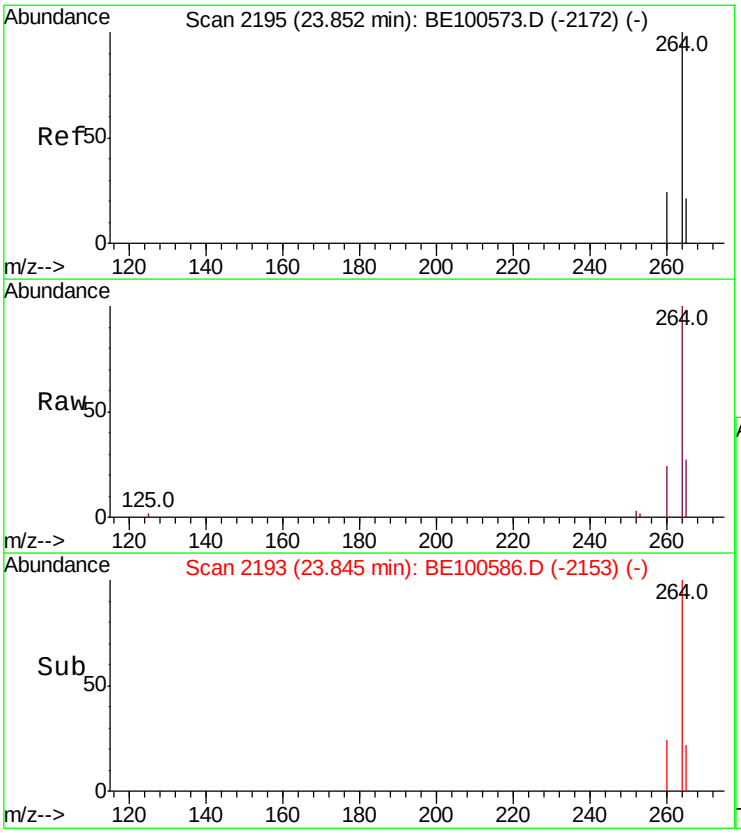
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 36086

Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.6	27.8
277	24.6	19.4	29.2

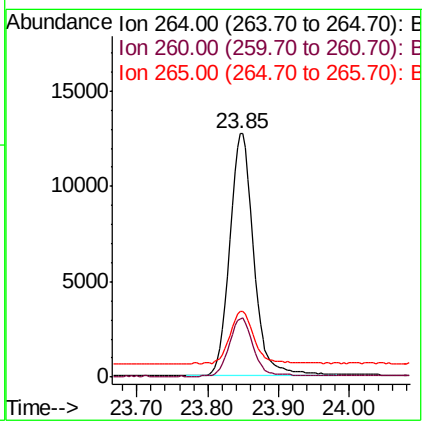


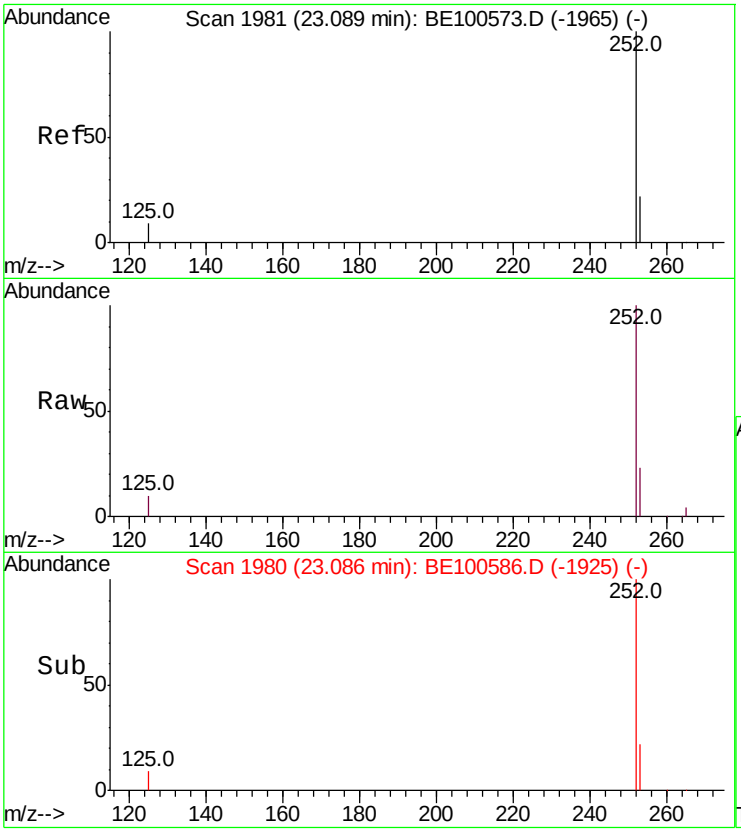


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:264 Resp: 29893

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	27.0	22.2	33.4



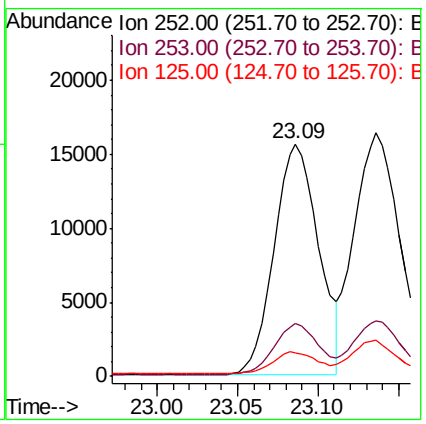


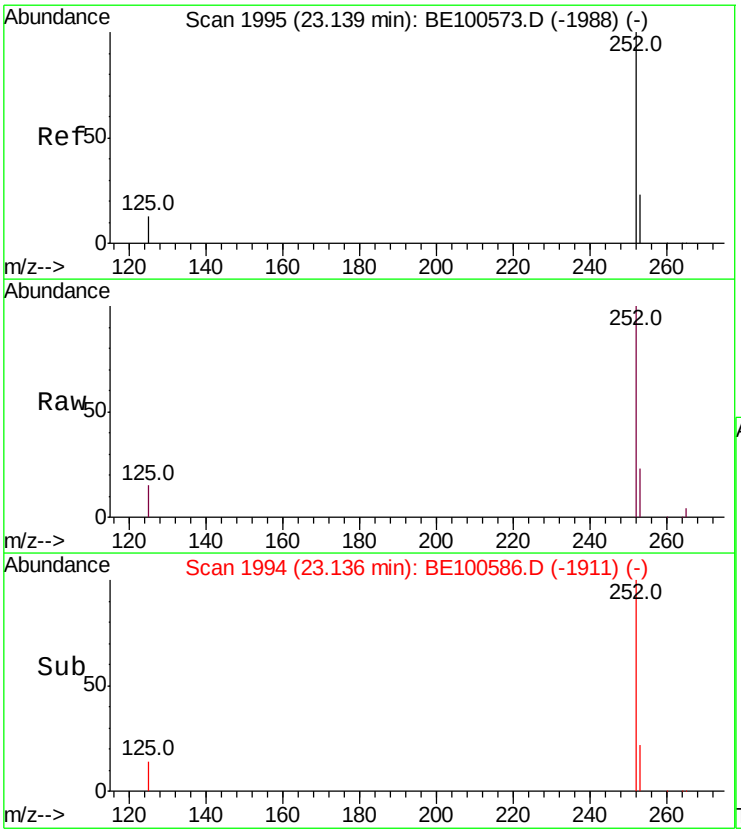
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 29945

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.3	8.7	13.1

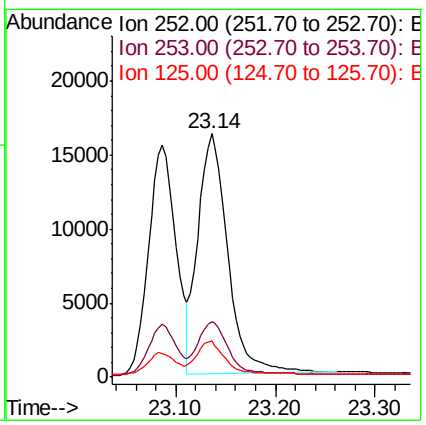


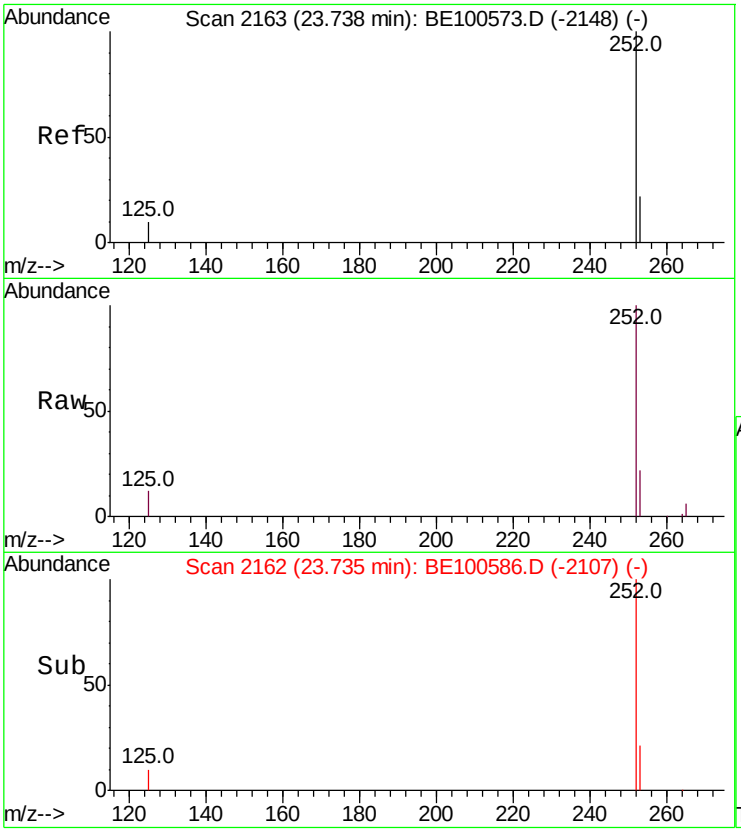


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:252 Resp: 33705

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	14.7	11.4	17.2



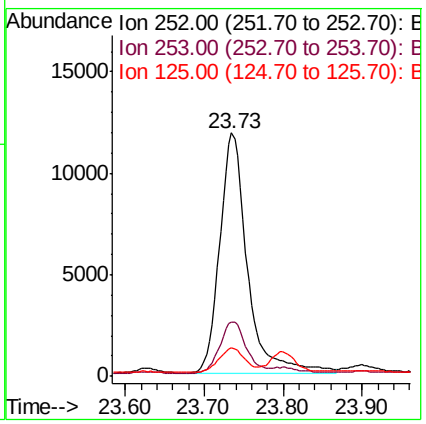


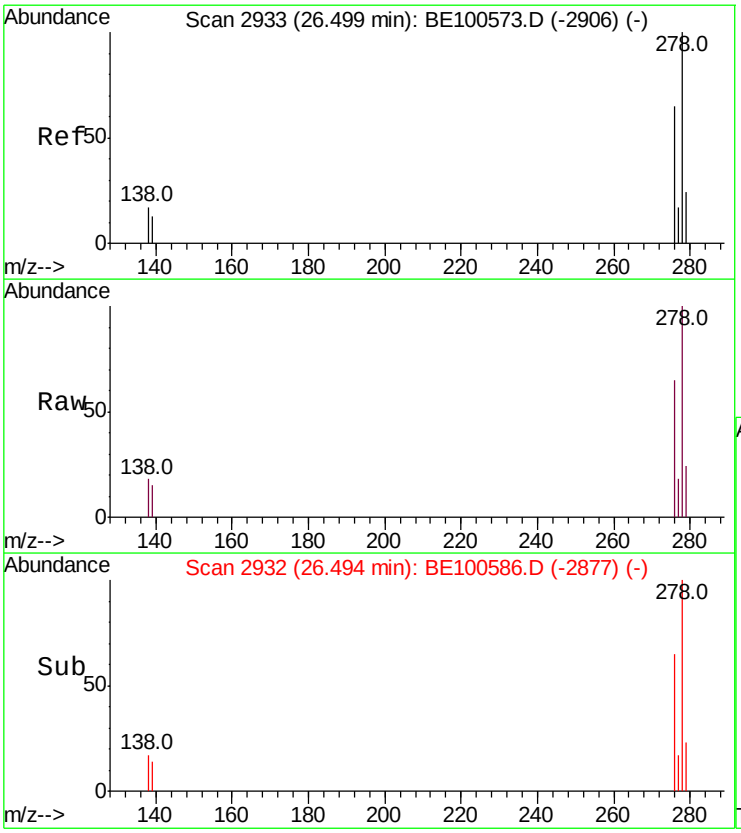
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.73 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28703

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	9.8	14.6

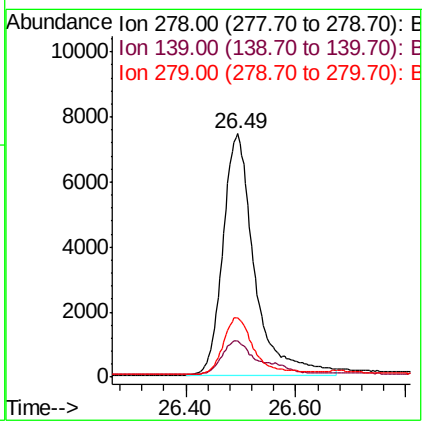


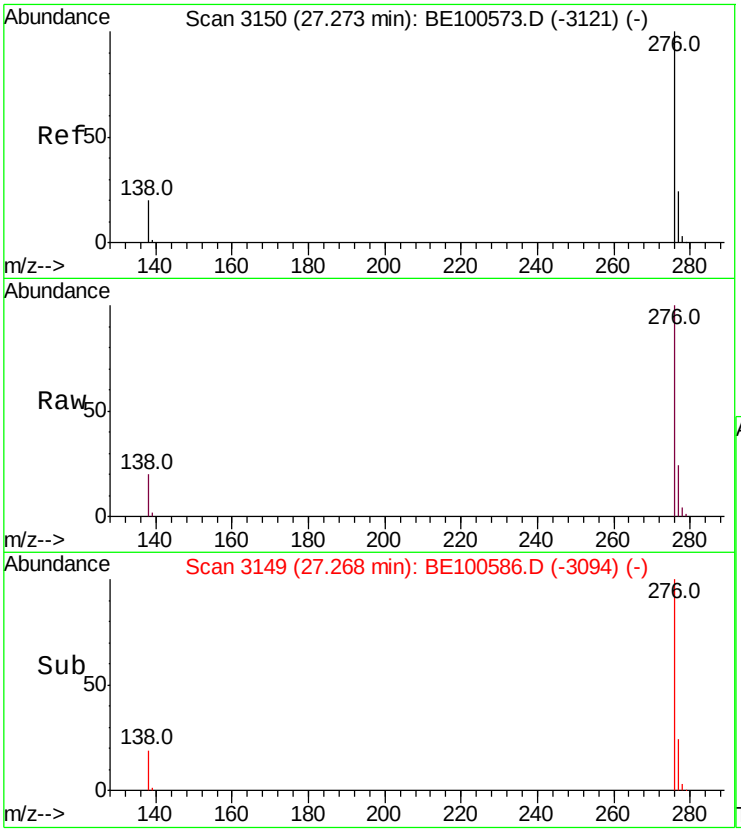


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:278 Resp: 29525

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.7	17.5
279	24.4	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 30427

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	19.9	17.0	25.4